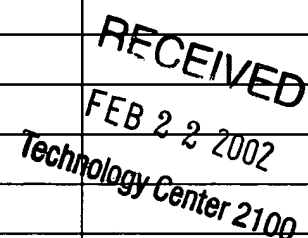


U.S. Department of Commerce, Patent and Trademark Office						Attorney Docket No.: 004-4665-1		
						Application No.: 09/837,669		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)						Applicant(s): Paul A. Martin et al.		
						Filing Date: April 18, 2001		
						Group Art Unit: 2151		
						Date Submitted: February 7, 2002		
U.S. Patent Documents								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA							
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Foreign Patent Documents								
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		Document	Date	Country	Class	Subclass	Yes	No
	AL							
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
<i>for B</i>	AR	David L. Detlefs et al., "Even Better DCAS-Based Concurrent Deques," 14th International Conference, Disc 2000. Proceedings (Lecture Notes in Computer Science, Vol. 1914), Distributed Computing, Toledo, Spain, 4-6 Oct. 2000, Online, pp. 29-73, XP002172096, 2000, Springer-Verlag, Berlin, Germany, ISBN: 3-540-41143-7, [Retrieved from the Internet on 2001-07-13: URL: http://research.sun.com/jtech/subs/00-deque2.ps]						
	AS							
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Examiner <i>Gene A. Ballou Jr.</i>		Date Considered <i>12/12/03</i>						
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.								

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					Date Submitted: February 7, 2002		
U.S. Patent Documents							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
fab	AA	6,223,335 B1	Apr. 24, 2001	Cartwright, Jr. et al.	717	1	
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	AH						
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Foreign Patent Documents							
							Translation
		Document	Date	Country	Class	Subclass	Yes No
fab	AL	EP 0 466 339 A2	15.01.92	EPO			
	AM						
	AN						
	AP						
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
fab	AR	U.S. Application Serial No. 09/547,290, entitled MAINTAINING A DOUBLE-ENDED QUEUE AS A LINKED-LIST WITH SENTINEL NODES AND DELETE FLAGS WITH CONCURRENT NON-BLOCKING INSERT AND REMOVE OPERATIONS USING A DOUBLE COMPARE-AND-SWAP PRIMITIVE, filed April 11, 2000, by inventor(s) Nir N. Shavit, Paul A. Martin, and Guy L. Steele Jr					
fab	AS	U.S. Application Serial No. 09/551,311, entitled SHARED OBJECT IMPLEMENTED USING A LINKED-LIST TECHNIQUE THAT TOLERATES CERTAIN CONCURRENT OPPOSING-END REMOVALS USING A DISTINGUISHING POINTER VALUE, filed April 18, 2000, by inventor(s) Guy L. Steele Jr., Alexander T. Garthwaite, Paul A. Martin, and Nir N. Shavit.					
fab	AT	U.S. Application Serial No. 09/547,288, entitled MAINTAINING A DOUBLE-ENDED QUEUE IN A CONTIGUOUS ARRAY WITH CONCURRENT NON-BLOCKING INSERT AND REMOVE OPERATIONS USING A DOUBLE COMPARE-AND-SWAP PRIMITIVE, filed April 11, 2000, by inventor(s) Nir N. Shavit, Ole Agesen, David L. Detlefs, Christine H. Flood, Alexander T. Garthwaite, Paul A. Martin, and Guy L. Steele Jr.					
Examiner <i>Shawn A. Bullock Jr</i>		Date Considered <i>12/12/03</i>					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.							

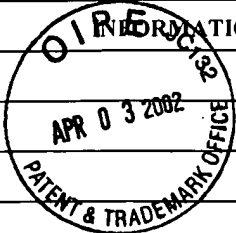


U.S. Department of Commerce. Patent and Trademark Office		Attorney Docket No.: 1004-4665-1
		Application No.: 09/837,669
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant(s): Paul A. Martin et al.
		Filing Date: April 18, 2001
		Group Art Unit: 2151
		Date Submitted: February 7, 2002
NON PATENT LITERATURE DOCUMENTS		
*Examiner Initial	Cite No.	(Including name of author in capital letters, title of article, title of item, date, pertinent pages, volume-issue number(s), publisher, city and/or country where published.)
job	AA	Y. Afek, M. Merritt, G. Taubenfeld, and D. Touitou. "Disentangling Multi-Object Operations," <i>Proceedings of the 16th Annual ACM Symposium on Principles of Distributed Computing</i> , pages 111-120, August 1997. Santa Barbara, CA.
job	AB	N. S. Arora, Blumofe, and C. G. Plaxton. "Thread Scheduling For Multiprogrammed Multiprocessors," <i>Proceedings of the 10th Annual ACM Symposium on Parallel Algorithms and Architectures</i> , 1998.
job	AC	H. Attiya and E. Dagan. "Universal Operations: Unary versus Binary," <i>Proceedings of the 15th Annual ACM Symposium on Principles of Distributed Computing</i> , 11 pages, May 23-26 1996. Phila. PA.
job	AD	Hagit Attiya, Nancy Lynch, and Nir Shavit. "Are Wait-Free Algorithms Fast?" <i>Journal of the ACM</i> , 41(4):725-763, pages 223-232, July 1994.
job	AE	G. Barnes. "A Method For Implementing Lock-Free Shared Data Structures," <i>Proceedings of the 5th ACM Symposium on Parallel Algorithms and Architectures</i> , pages 261-270, June 1993.
job	AF	B. N. Bershad. "Practical Considerations For Non-Blocking Concurrent Objects," <i>Proceedings 13th IEEE International Conference on Distributed Computing Systems</i> , pages 264-273. IEEE Computer Society Press, May 25-28 1993. Los Alamitos CA.
job	AG	M. Greenwald. "Non-Blocking Synchronization and System Design," PhD thesis, Stanford University Technical Report STAN-CS-TR-99-1624, 241 pages, Palo Alto, CA, 8 1999.
job	AH	M. B. Greenwald and D. R. Cheriton. "The Synergy Between Non-Blocking Synchronization And Operating System Structure," <i>2nd Symposium on Operating Systems Design and Implementation</i> , pages 123-136, October 28-31 1996. Seattle, WA.
job	AI	M. Herlihy. "A Methodology For Implementing Highly Concurrent Data Objects," <i>ACM Transactions on Programming Languages and Systems</i> , 15(5):745-770, November 1993.
job	AJ	M. Herlihy and J. Moss. "Transactional memory: Architectural Support For Lock-Free Data Structures," <i>Technical Report CRL 92/07</i> , Digital Equipment Corporation, 12 pages, Cambridge Research Lab, 1992.
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job	AL	M.P. Herlihy and J.M. Wing. "Linearizability: A Correctness Condition For Con-Current Objects," <i>ACM Transactions On Programming Languages and Systems</i> , 12(3):463-492, July 1990.
job	AM	H. Massalin and C. Pu. "A Lock-Free Multiprocessor OS Kernel," <i>Technical Report TR CUCS-005-9</i> , pages 1-19, Columbia University, New York, NY, 1991.
job	AN	H. Massalin, "Synthesis: An Efficient Implementation of Fundamental Operating System Services," Dissertation submitted in partial fulfillment of the requirements for the Degree of Doctor of Philosophy in the Graduate School of Arts and Sciences, Columbia University, New York, NY, online, 1992; pp. 1-149, XP002172093 [retrieved from the Internet on 2001-07-13: URL: ftp://ftp.cs.columbia.edu/reports/reports-1992/cucs-039-92.ps.gz].
job	AO	Martin C. Rinard, "Effective Fine-Grain Synchronization for Automatically Parallelized Programs Using Optimistic Synchronization Primitives," <i>ACM Trans. Computer Systems</i> , 17(4):337-371, November 1999.
job	AP	N. Shavit and D. Touitou. "Software Transactional Memory," <i>Distributed Computing</i> , 10(2):99-116, February 1997.
	AQ	
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Examiner: <i>John A. Bullock Jr.</i>		Date Considered: 12/12/03
		Technology Center 2100

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						Application No.: 09/837,669	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)						Applicant(s): Paul A. Martin et al.	
						Filing Date: April 18, 2001	
						Group Art Unit: 2151	
						Date Submitted: February 20, 2002	
U.S. Patent Documents							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA						
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fab	AR	Hagit Attiya and Ophir Rachman, "ATOMIC SNAPSHOTS IN $O(n \log n)$ OPERATIONS," Society for Industrial and Applied Mathematics, SIAM Journal on Computing, April 1998, Vol. 27, No. 2, pp. 319-340.					
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Examiner <i>Lane A. Bullock Jr</i>		Date Considered <i>12/12/03</i>					
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				Application No.: 09/837,669		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Applicant(s): Paul A. Martin et al.		
(Use several sheets if necessary)				Filing Date: April 18, 2001		
				Group Art Unit: 2126		
				Date Submitted: May 15, 2003		
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*Examiner Initial		Document Number	Date	Name		
Jab	1	3,886,525	May 1975	Brown et al.		
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Jab	3	Comer, Douglas, <i>Operating System Design: The XINU Approach</i> , Englewood Cliffs, New Jersey, Prentice-Hall, Inc., 1984, Chapter 3.				
Jab	4	Patterson, David A. and Hennessy, John L., <i>Computer Architecture: A Quantitative Approach</i> , Second Edition, San Francisco, California, Morgan Kaufman Publishers, Inc., 1996, pages 485-495 and 562-572.				
Jab	5	Cohoon, James P. and Davidson, Jack W., <i>C++ Program Design: An Introduction to Programming and Object-Oriented Design</i> , Second Edition, New York, New York, WCB/McGraw-Hill, 1999, pages 465-502.				
Jab	6	Stroustrup, Bjarne, <i>The C++ Programming Language</i> , Third Edition, Reading, Mass., Addison-Wesley, 1997, pages 461-497.				
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U.S. Department of Commerce, Patent and Trademark Office				Attorney Docket No.: 004-4665-1		
				Application No.: 09/837,669		
				Applicant(s): Paul A. Martin et al.		
(Use several sheets if necessary)				Filing Date: April 18, 2001		
				Group Art Unit: 2151		
				Date Submitted: March 26, 2002		
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*Examiner Initial		Document Number	Date	Name		
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					Translation	
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<i>for</i>	AM	WO 86 00434 A	Jan. 16, 1986	PCT		
	AN					
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<i>for</i>	AR	Agesen, Ole, et al.: "DCAS-BASED CONCURRENT DEQUES," SPAA 2000. 12th Annual ACM Symposium on Parallel Algorithms and Architectures, Bar Harbor, ME, July 9-12, 2000, Annual ACM Symposium on Parallel Algorithms and Architectures, New York, NY: ACM, US, 9 July 2000, XP002172095, ISBN: 1-58113-185-2, pp. 137-146.				
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Examiner <i>Jim A. Bullock Jr.</i>		Date Considered <i>12/12/03</i>				
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